

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 09/647, 457 P
Source: DFW16
Date Processed by STIC: 02/10/2006

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 02/10/2006

PATENT APPLICATION: US/09/647,457F

TIME: 08:59:15

Input Set : A:\24390-01-26-06.txt

Output Set: N:\CRF4\02102006\I647457F.raw

3 <110> APPLICANT: Yeda Research and Development Company Ltd.

5 <120> TITLE OF INVENTION: ASSAY FOR THE DIAGNOSIS OF SCHIZOPHRENIA BASED ON A NEW
PEPTIDE

7 <130> FILE REFERENCE: 1276302

9 <140> CURRENT APPLICATION NUMBER: 09/647,457F

C--> 10 <141> CURRENT FILING DATE: 2000-11-29

12 <150> PRIOR APPLICATION NUMBER: PCT/IL99/00190

13 <151> PRIOR FILING DATE: 1999-09-29

15 <150> PRIOR APPLICATION NUMBER: 123925

16 <151> PRIOR FILING DATE: 1998-04-02

18 <160> NUMBER OF SEQ ID NOS: 15

20 <170> SOFTWARE: PatentIn version 3.3

22 <210> SEQ ID NO: 1

23 <211> LENGTH: 28

24 <212> TYPE: PRT

25 <213> ORGANISM: Artificial Sequence

27 <220> FEATURE:

28 <223> OTHER INFORMATION: being the immunologically active epitope

31 <220> FEATURE:

32 <221> NAME/KEY: MISC_FEATURE

33 <222> LOCATION: (1)..(1)

34 <223> OTHER INFORMATION: Xaa(1) is S or absent

36 <220> FEATURE:

37 <221> NAME/KEY: MISC_FEATURE

38 <222> LOCATION: (1)..(11)

39 <223> OTHER INFORMATION: provided that when Xaa(11) is absent, Xaa(1) through Xaa(10),
40 inclusive, are absent, and when Xaa(11) is D , Xaa(10) is A or
41 absent

43 <220> FEATURE:

44 <221> NAME/KEY: MISC_FEATURE

45 <222> LOCATION: (1)..(10)

46 <223> OTHER INFORMATION: when Xaa(10) is absent, Xaa(1) through Xaa(9), inclusive, are
47 absent, and when Xaa(10) is A, Xaa(9) is I or absent

49 <220> FEATURE:

50 <221> NAME/KEY: MISC_FEATURE

51 <222> LOCATION: (1)..(9)

52 <223> OTHER INFORMATION: when Xaa(9) is absent, Xaa(1) through Xaa(8), inclusive, are
53 absent, and when Xaa(9) is I, Xaa(8) is F or absent

55 <220> FEATURE:

56 <221> NAME/KEY: MISC_FEATURE

57 <222> LOCATION: (1)..(8)

58 <223> OTHER INFORMATION: when Xaa(8) is absent, Xaa(1) through Xaa(7), inclusive, are
59 absent, and when Xaa(8) is F, Xaa(1) through Xaa(7) are,
60 respectively, S, G, E, T, E, D, and T

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62 <220> FEATURE:
63 <221> NAME/KEY: MISC_FEATURE
64 <222> LOCATION: (2)..(2)
65 <223> OTHER INFORMATION: Xaa(2) is G or absent
67 <220> FEATURE:
68 <221> NAME/KEY: MISC_FEATURE
69 <222> LOCATION: (3)..(3)
70 <223> OTHER INFORMATION: Xaa(3) is E or absent
72 <220> FEATURE:
73 <221> NAME/KEY: MISC_FEATURE
74 <222> LOCATION: (4)..(4)
75 <223> OTHER INFORMATION: Xaa(4) is T or absent
77 <220> FEATURE:
78 <221> NAME/KEY: MISC_FEATURE
79 <222> LOCATION: (5)..(5)
80 <223> OTHER INFORMATION: Xaa(5) is E or absent
82 <220> FEATURE:
83 <221> NAME/KEY: MISC_FEATURE
84 <222> LOCATION: (6)..(6)
85 <223> OTHER INFORMATION: Xaa(6) is D or absent
87 <220> FEATURE:
88 <221> NAME/KEY: MISC_FEATURE
89 <222> LOCATION: (7)..(7)
90 <223> OTHER INFORMATION: Xaa(7) is T or absent
92 <220> FEATURE:
93 <221> NAME/KEY: MISC_FEATURE
94 <222> LOCATION: (8)..(8)
95 <223> OTHER INFORMATION: Xaa(8) is F or absent
97 <220> FEATURE:
98 <221> NAME/KEY: MISC_FEATURE
99 <222> LOCATION: (9)..(9)
100 <223> OTHER INFORMATION: Xaa(9) is I or absent
102 <220> FEATURE:
103 <221> NAME/KEY: MISC_FEATURE
104 <222> LOCATION: (10)..(10)
105 <223> OTHER INFORMATION: Xaa(10) is A or absent
107 <220> FEATURE:
108 <221> NAME/KEY: MISC_FEATURE
109 <222> LOCATION: (19)..(19)
110 <223> OTHER INFORMATION: Xaa(19) is C, G, P
112 <220> FEATURE:
113 <221> NAME/KEY: MISC_FEATURE
114 <222> LOCATION: (25)..(25)
115 <223> OTHER INFORMATION: Xaa(25) is A, P
117 <220> FEATURE:
118 <221> NAME/KEY: MISC_FEATURE
119 <222> LOCATION: (25)..(28)
120 <223> OTHER INFORMATION: Xaa(28) is R or absent, provided that Xaa(25) and Xaa(26)
are
121      taken together to form a sequence selected from the group

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122      consisting of AP and PA
124 <220> FEATURE:
125 <221> NAME/KEY: MISC_FEATURE
126 <222> LOCATION: (26)..(26)
127 <223> OTHER INFORMATION: Xaa(26) is P, A
129 <400> SEQUENCE: 1
W--> 131 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Leu Val Val Gly Leu
132 1      5      10      15
135 Cys Thr Xaa Gln Ile Lys Thr Gly Xaa Xaa Cys Xaa
136      20      25
139 <210> SEQ ID NO: 2
140 <211> LENGTH: 28
141 <212> TYPE: PRT
142 <213> ORGANISM: Artificial Sequence
144 <220> FEATURE:
145 <223> OTHER INFORMATION: being the immunologically active epitope
147 <400> SEQUENCE: 2
149 Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu
150 1      5      10      15
153 Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
154      20      25
157 <210> SEQ ID NO: 3
158 <211> LENGTH: 16
159 <212> TYPE: PRT
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
164      levels in body fluids of schizophrenic patients.
166 <400> SEQUENCE: 3
168 Leu Val Val Gly Leu Cys Thr Cys Gln Ile Lys Thr Gly Pro Ala Cys
169 1      5      10      15
172 <210> SEQ ID NO: 4
173 <211> LENGTH: 20
174 <212> TYPE: PRT
175 <213> ORGANISM: Artificial Sequence
177 <220> FEATURE:
178 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
179      levels in body fluids of schizophrenic patients.
181 <400> SEQUENCE: 4
183 Ile Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly
184 1      5      10      15
187 Ala Pro Cys Arg
188      20
191 <210> SEQ ID NO: 5
192 <211> LENGTH: 19
193 <212> TYPE: PRT
194 <213> ORGANISM: Artificial Sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated

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198      levels in body fluids of schizophrenic patients.
200 <400> SEQUENCE: 5
202 Ala Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala
203 1          5          10          15
206 Pro Cys Arg
210 <210> SEQ ID NO: 6
211 <211> LENGTH: 18
212 <212> TYPE: PRT
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
217      levels in body fluids of schizophrenic patients.
219 <400> SEQUENCE: 6
221 Asp Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro
222 1          5          10          15
225 Cys Arg
229 <210> SEQ ID NO: 7
230 <211> LENGTH: 17
231 <212> TYPE: PRT
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
236      levels in body fluids of schizophrenic patients.
238 <400> SEQUENCE: 7
240 Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys
241 1          5          10          15
244 Arg
248 <210> SEQ ID NO: 8
249 <211> LENGTH: 17
250 <212> TYPE: PRT
251 <213> ORGANISM: Artificial Sequence
253 <220> FEATURE:
254 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
255      levels in body fluids of schizophrenic patients.
257 <400> SEQUENCE: 8
259 Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Pro Ala Cys
260 1          5          10          15
263 Arg
267 <210> SEQ ID NO: 9
268 <211> LENGTH: 17
269 <212> TYPE: PRT
270 <213> ORGANISM: Artificial Sequence
272 <220> FEATURE:
273 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
274      levels in body fluids of schizophrenic patients.
276 <400> SEQUENCE: 9
278 Leu Val Val Gly Leu Cys Thr Pro Gln Ile Lys Thr Gly Pro Ala Cys
279 1          5          10          15
282 Arg

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286 <210> SEQ ID NO: 10
287 <211> LENGTH: 20
288 <212> TYPE: PRT
289 <213> ORGANISM: Artificial Sequence
291 <220> FEATURE:
292 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
293     levels in body fluids of schizophrenic patients.
295 <400> SEQUENCE: 10
297 Ser Gly Glu Thr Glu Asp Thr Phe Ile Ala Asp Leu Val Val Gly Leu
298 1           5           10           15
301 Cys Thr Gly Gln
302           20
305 <210> SEQ ID NO: 11
306 <211> LENGTH: 16
307 <212> TYPE: PRT
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
312     levels in body fluids of schizophrenic patients.
314 <400> SEQUENCE: 11
316 Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
317 1           5           10           15
320 <210> SEQ ID NO: 12
321 <211> LENGTH: 12
322 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
327     levels in body fluids of schizophrenic patients.
329 <400> SEQUENCE: 12
331 Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys Arg
332 1           5           10
335 <210> SEQ ID NO: 13
336 <211> LENGTH: 16
337 <212> TYPE: PRT
338 <213> ORGANISM: Artificial Sequence
340 <220> FEATURE:
341 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated
342     levels in body fluids of schizophrenic patients.
344 <400> SEQUENCE: 13
346 Leu Val Val Gly Leu Cys Thr Gly Gln Ile Lys Thr Gly Ala Pro Cys
347 1           5           10           15
350 <210> SEQ ID NO: 14
351 <211> LENGTH: 15
352 <212> TYPE: PRT
353 <213> ORGANISM: Artificial Sequence
355 <220> FEATURE:
356 <223> OTHER INFORMATION: peptide capable of binding antibodies that are found in
elevated

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357 levels in body fluids of schizophrenic patients.

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 02/10/2006
PATENT APPLICATION: US/09/647,457F TIME: 08:59:16

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents, at least one n or Xaa.

Seq#:1; Xaa Pos. 1,2,3,4,5,6,7,8,9,10,11,19,25,26,28

VERIFICATION SUMMARY

DATE: 02/10/2006

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L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:131 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0

M:341 Repeated in SeqNo=1